141	. GAGAAGGGAGGCCAGTAGTCCTGTGGCCC	1.381
138	. GGGCCAGGCTGCAACCACATGCCCCTCACCATCCCGGCCTGGAACATT <u>TGA</u> GGTGGTCCA	132
132	GGGCCTGGCCGCCTGCCCACTGCGCCGTGTGGCCCCATCAGGATGGCCCGGGGGAA	126
126	. GACGIGCAACCCAGCGACTCCGGCCTGCCATCAGAGTCTGGCCCCAGCAGCGGGGTCCCA	120
120	GCCCACAAGCAAGCCTACTCGGAGCGGCCCAACCGCCTCCTGCGCAGGCGGGTGGTGTG	114
114	. AACTICCGCCGCGGCTICCAGGCTGCCTTCCGTGCACAGCTCTGCTGGCCTCCCTGGGCC	108
108	. CACTGGCTGGCCTTCTTCCACAGCGCCCAACCCCATCATCTACGGCTACTTCAACGAG	102
102	. TATGGGGAGCTGAGCGAGCTGCAACTGCACCTGCTGCTCGGTCTACGCCTTCCCCTTGGCA	.96
96	. GIGGCGCICTICTICACGTIGICCIGGCIGCCACICIGGGIGCIGCIGCIGCTGCTCATCGAC	90]
90(GIGGCCGAGGGIGGCCGCACTICGCCCCGTAGGGCCCCGCGIGGIGCACATGCTGGTCATG	84
84(GIGCGCATCGCGCGCAAGCIAIGCCAGGCCCCCGGICCIGCGCGCGCG	78.
78(ACCGCGGTGCTCTTCGCGCACATCTACCTGGTGCCGCTGGCGCTCATCGTAGTGATGTAC	72.
72(-	99
99	GCGGTCACTCTGACAGTCACCCGAGAGGAGCATCACTTCATGCTGGATGCTCGTAACCGC	601
09	AAGGCGCTGTTCACCATCGCGGTGATCTGGGCTCTGGCGCTGCTCATCATGTGTCCCTCG	54]
54(ATCGCTGTGGAAAGGTTCCGCTGCATCGTGCACCCTTTCCGCGAGAAGCTGACCCTTCGG	481
48(AAGATGAGCGGCTTGGTGCAGGCCATGTCCGTGTCTGCATCGGTTTTCACACTGGTGGCC	42
42(ATGCCCACAACCCTTGTGGACAACCTTATCACTGGTTGGCCTTTTGACAACGCCACATGC	361
36(GTCACCAACATGTTTATCCTCAACCTGGCCGTCAGCGACCTGCTGGTGGCGCATCTTCTGC	30]
30	TGCATGGTGGGCAACACCCTGGTCTGCTTCATTGTGCTCAAGAACCGGCACATGCGCACT	24]
24(CAACACTCCTCTCCGGTGGCAGCCATGTTCATCGCGGCCTACGTGCTCATCTTCCTCCTC	181
18(Ŭ	121
12(_	61
09	ACCCTTCCTGGGCCCCCAGTCTACCCGCTTGAAGGTGCCCGCCTCCTTTGGAGAGTGTCCC	_

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1	M	E	A	Ε	Р	S	Q	Ρ	Р	N	G	S	W	Р	L	G	Q	N	G	S	20
21	D	V	Ε	Т	S	Μ	A	Т	S	L	Т	F	S	S	Y	Y	Q	Н	S	S	40
41	Р	V	A	А	M	F	I	А	Α	Y	V	L	Ι	F	L	L	С	Μ	V	G	60
61	N	Т	L	V	С	F	Ι	V	L	K	N	R	Н	Μ	R	Т	V	T	N	M	80
81	F	I	L	N	L	A	V	S	D	L	L	V	G	I	F	С	M	Р	T	Т	100
101	L	V	D	N	L	I	T	G	W	P	F	D	N	А	Т	С	K	М	s	G	120
121	L	V	Q	G	Μ	S	V	S	А	S	V	F	Τ	L	V	A	Ι	А	V	Ε	140
141	R	F	R	С	I	V	Н	P	F	R	Ε	K	L	Т	L	R	K	А	L	F	160
161	T	I	Α	V	I	W	A	L	Α	L	L	I	M	С	Р	S	Α	V	Т	L	180
181	T	V	ፓ	Ŗ	E	E	Н	H	F	М	L	D	A	R	N	R	S	Y	P	L	200
201	Y	S	С	W	Ε	A	·W	P	Ε	K	G	M	R	K	V	Y	T	А	V	L	220
221	F	А	Н	Ι	Y	L	V	Р	L	A	L	Ι	V	V	Μ	Y	V	R	I	А	240
241	R	K	L	С	Q	A	P	G	Р	Α	R	D	Т	E	Ε	A	V	A	Ε	G	260
261	G	R	Т	S	R	R	Ŗ	A	R	V	V	Н	Μ	L	V	М	V	A	L	F	280
281	F	\mathbf{T}	L	S	W	L	Р	L	W	V	L	L	L	L	I	D	Y	G	Ε	L	300
301	S	Ε	L	Q	L	Н	L	L	S	V	Y	А	F	Р	L	А	Н	W	L	A	320
321	F	F	Н	S	S	A	N	Р	I	I	Y	G	Y	F	N	Ε	N	F	R	R	340
341	G	F	Q	Α	A	F	R	А	Q	L	С	W	Р	Р	W	Α	Α	Н	K	Q	360
361	A	Y	S	Ε	R	Р	N	R	L	L	R	R	Ŕ	V	V	V	D	V	Q	Р	380
381	S	D	S	G	L	Р	S	E	S	G	Р	S	S	G	V	Ρ	G	Ρ	G	R	400
401	L	Р	L	R	N	G	R	V	A	Н	Q	D	G	P	G	Ε	G	P	G	С	420
421	N	Н	Μ	Р	L	T	·I	P	Α	W	N	I									432

1	Μ	Ε	A	Ε	Р	S	Q	Ρ	Р	N	G	S	W	P	L	G	Q	N	G	S	20
21	D	V	Ε	T	S	М	А	T	S	L	T	F	S	S	Y	Y	Q	Н	S	S	40
41	P	<u>V</u>	Α	Α	M	F	I	Α	A	Y	_	<u>L</u>	Ι	F	Ļ	L	С	M	V	G	60
61	N	T	L	V	C	F	Ι	V	L	K			Н	Μ	R	Т	V	T	N	M	80
81	F	I	L	N	L	Α	V	S	D	L	II L	-	G	ı	F	С	M	P	<u>T</u>	T	100
101	L	V	D	N	L	I	T	G	W	P		D	N	А	Т	С	K	M	S	G	120
121	L	V	0	G	М	S	V	s	A	I] S		F	<u>T</u>	L	V	Α	I	Α	V	E	140
141	R	F	R	С	Ι	V	Н			R.	<u>E</u>	K	L	T	L	R	K	<u>A</u>	L	F	160
161	T	I	Α	V	I	W	Α	_	V A	L	L	I	M	<u>C</u>	Р	S	Α	V	Т	L	180
181	Т	V	Т	R	Ε	Ε	Н	Н	F	Μ	L	D	А	R	N	R	S	Y	Р	L	200
201	Y	S	С	W	Ε	А	W	Р		K	G	М	R	K	V	Y	<u>T</u>	A	V	L	220
221	F	Α	Н	I	Y	L	V	P	V L	A	L	Ι	V	V	М	Y	V	R	I	A	240
241	R	K	L	С	Q	A	P	G	P	А	R	D	Т	E	Ε	А	V	A	E	G	260
261	G	R		S	R	R	R	А	R	<u>V</u>	V	Н	M	L	V	M	V	A	L	F	280
281	F	V] T	_	S	W	L	P	L	W	V	L	L	L	L	I	D				L	300
301	S	Ε	L	Q	L	Н	L	L	S	V	Y	А	F	Р	L	Α		VII W	_	<u>A</u>	320
321	<u>F</u>	F	Н	S	S_	A	N	P	I	I	Y	G	<u>Y</u>	F	N	E	N	F	R	R	340
341	G	F	Q	Α	А	F	R	А	Q	L	С	W	P	Р	W	A	А	Н	K	Q	360
361	Α	Y	S	E	R	Р	N	R	L	L	R	R	R	V	V	V	D	V	Q	Р	380
381	S	D	S	G	L	P	S	Е	s	G	Р	S	S	G	V	Р	G	Р	G	R	400
401	L	P	L	R	N	G	R	V	А	Н	Q	D	G	P	G	Ε	G	P	G	С	420
421	N	Н	М	P	L	Т	I	P	А	W	N	I									432

	GAGCCCTCCCAGCCTCCCAACAGCAGTTGGCCCCTAAGTCAGAATGGGACTAACACTGAG	09
61	GCCACCCCGGCTACAAACCTCACCTTCTCCTCCTACTATCAGCACACCTCCCCTGTGGCG	120
121	GCCATGTTCATTGTGGCCTATGCGCTCATCTTCCTGCTCTGCATGGTGGGCAACACCCTG	180
181	181 GTCTGTTTCATCGTGCTCAA	200

1	Ε	Ρ	S	Q	Ρ	Ρ	N	S	S	W	Ρ	L	S	Q	Ν	G	Т	N	T	Ε	20
21	Α	T	Ρ	Α	T	N	L	T	F	S	S	Y	Y	Q	Н	T	S	Ρ	V	Α	40
41	Α	Μ	F	Ι	V	Α	Y	Α	L	I	F	L	L	С	Μ	V	G	N	Т	L	60
61	V	С	F	I	V	L															66

ř.	ř1	<u>F</u> 1	آ <u>۔</u>
rNPE	hnpe	rNPFF1	hNPFF1
1 MEAEPSOPPNGSWPLGONGSDVETSMATSLTFSSYYQHSSPVAAMFIAAY rNPFF1		51 VLIFLLCMVGNTLVCFIVL	
		5	4

\vdash	GCCGACAGGGCTCGCCGGGAGAGGTTCATC <u>ATG</u> AATGAGAAATGGGACACAAACTCTTCA	09
	GAAAACTGGCATCCCATCTGGAATGTCAATGACACAAAGCATCATCTGTACTCAGATATT	120
121	AATATTACCTATGTGAACTACTATCTTCACCAGCCTCAAGTGGCAGCAATCTTCATTATT	180
181	TCCTACTITCTGATCTTCTTTTTGTGCATGAGGAAATACTGTGGTTTGCTTTATTGTA	240
241	ATGAGGAACAAACATATGCACACAGTCACTAATCTCTTCATCTTAAACCTGGCCATAAGT	300
301	GATTTACTAGTTGGCATATTCTGCATGCCTATAACACTGCTGGACAATATTATAGCAGGA	360
361	TGGCCATTTGGAAACACGATGTGCAAGATCAGTGGATTGGTCCAGGGAATATCTGTCGCA	420
421	GCTTCAGTCTTTACGTTAGTTGCAATTGCTGTAGATAGGTTCCAGTGTGTGT	480
481	TITAAACCAAAGCTCACTATCAAGACAGCGTTTGTCATTATTATGATCATCTGGGTCCTA	540
541	GCCATCACCATTATGTCTCCATCTGCAGTAATGTTACATGTGCAAGAAGAAAAATATTAC	009
601	CGAGTGAGACTCCACAGAATAAAACCAGTCCAGTCTACTGGTGCCGGGAAGACTGG	099
_	CCAAATCAGGAAATGAGGAAGATCTACACCACTGTGTGTTTGCCAACATCTACCTGGCT	720
721	CCCCTCTCCCTCATTGTCATCATGTATGGAAGGATTGGAATTTCACTCTTCAGGGCTGCA	780
781	GTTCCTCACACAGGCAGGAAGAACCAGGAGCAGTGGCACGTGGTGTCCCAGGAAGAAGCAG	840
841	AAGATCATTAAGATGCTCCTGATTGTGGCCCTGCTTTTTATTCTCTCATGGCTGCCCTG	900
901	TGGACTCTAATGATGCTCTCAGACTACGCTGACCTTTCTCCCAAATGAACTGCAGATCATC	096
961	AACATCTACATCTACCCTTTTGCACACTGGCTGGCATTCGGCAACAGCAGTGTCAATCCC	1020
1021	ATCATITIATGGTTTCTTCAACGAGAATTTCCGCCGTGGTTTCCAAGAAGCTTTCCAGCTC	1080
1081	CAGCTCTGCCAAAAAAAGGCCAAAGCCTATGGAAGCTTATGCCCTAAAAAGCTAAAAGCCAT	1140
1141	GTGCTCATAAACACATCTAATCAGCTTGTCCAGGAATCTACATTTCAAAACCCTCATGGG	1200
1201	GAAACCTTGCTTTATAGGAAAAGTGCTGAAAAACCCCCAACAGGAATTAGTGATGGAAGAA	1260
1261	TTAAAAGAAACTACTAACAGCAGTGAGATT <u>TAA</u> AAAGAGCTA	1302

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1	Μ	N	Ε	K	W	D	Τ	N	S	S	Ε	N	W	Н	Ρ	I	W	N	V	N	20
21	D	Τ	K	Н	Н	L	Y	S	D	Ι	N	Ι	T	Y	V	N	Y	Y	L	Н	40
41	Q	Ρ	Q	V	A	A	I	F	I	I	S	Y	F	L	Ι	F	F	L	С	Μ	60
61	M	G	N	T	V	V	С	F	I	V	M	R	N	K	Н	M	Н	T	V	T	80
81	N	L	F	I	L	N	L	Α	Ì	S	D	L	L	V	G	I	F	С	M	P	100
101	I	T	L	L	D	N	I	I	А	G	W	P	F	G	N	T	Μ	С	K	I	120
121	S	G	L	V	Q	G	I	S	V	A	Α	S	V	F	T	L	V	A	I	А	140
141	V	D	R	F	Q	С	V	V	Y	P	F	K	P	K	L	Т	I	K	Т	А	160
161	F	V	I	I	Μ	I	I	W	V	L	Α	I	T	Ι	M	S	P	S	A	V	180
181	M	L	H	٧	Q	Ε	Ε	K	Y	Y	R	٧	R	L	N	\mathfrak{S}	Q	N	K	T	200
201	S	P	V	Y	W	С	R	Ε	D	M	Ρ	Ν	Q	Ε	Μ	R	K	I	Y	Т	220
221	Т	V	L	F	А	N	I	Y	L	А	Р	L	S	L	I	V	I	Μ	Y	G	240
241	R	I	G	I	S	L	F	R	A	A	V	Р	Н	Т	G	R	K	N	Q	E	260
261	Q	W	Н	V	V	S	R	K	K	Q	K	I	I	K	Μ	L	L	I	V	А	280
281	L	L	F	I	L	S	W	L	Ρ	L	W	Т	L	Μ	Μ	L	S	D	Y	Α	300
301	D	L	S	Р	N	Ε	L	Q	I	I	N	I	Y	I	Y	P	F	Α	Н	W	320
321	L	A	F	G	N	S	S	V	N	P	Ι	I	Y.	G	F	F	N	E	N	F	340
341	R	R	G	F	Q	Ε	Α	F	Q	L	Q	L	С	Q	K	R	A	K	P	М	360
361	Ε	А	Y	Α	L	K	A	K	S	Н	V	L	ʻI	N	Т	S	N	Q	L	V	380
381	Q	E	S	Т	F	Q	N	P	Н	G	Ε	Т	L	L	Y	R	K	S	А	Ε	400
401	K	P	0	0	F.	Τ.	v	М	F.	F.	Τ.	K	F.	т	Т	N	S	S	F.	Т	420

1	M	N	Ε	K	W	D	T	N	S	S	Ε	N	W	Н	P	Ι	W	N	V	N	20
21	D	Т	K	Н	Н	L	Y	S	D	I	N	I	Т		V	N	Y	Y	L	Н	40
41	Q	Р	Q	<u>V</u> _	Α	Α	Ι	F	I	I	S	Y	F	L	I I	F	F	L	С	<u>M</u>	60
61	<u>M</u> _	G	N	T	V	V	С	F	I	V			N	K	Н	М	Н	Т	V	T	80
81	N	L	F	I	L	N	L	Α	I	S	_	II L	L	V	G	I	F	С	M	P	100
101	<u>I</u>	T	L	<u>L</u>	D	N	I	Ι	А	G	W	P				Т	Μ	С	K	I	120
121	s	G	L	V	0	G	I	S	V	Α	Α	S	V	[I]	T	L	V	Α	I	A	140
141	V	D	R	F	Q	С	V	V	Y	Р			P	K	L	Т	I	K	T	<u>A</u>	160
161	F	V	I	I	M	I	I	W	V	L	I\ A		Т	I	М	S	P	S	A	<u>V</u>	180
181	М	L	Н	V	Q	Ε	Ε	K	Y	Y	R	V	R	L	N	S	Q	N	K	Т	200
201	s	P	V	Y	W	С	R	E	D	W	Ρ.	N	Q	E	Μ	R	K	I	Y	<u>T</u>	220
221	· <u>T</u>	V	L	F	Α	N	I	Y	L	Α	P	/ L	S	L	I	V	_I_	M	Y	G	240
241	R	I	G	Ι	S	L	F	R	А	А	V	Р	Н	Т	G	R	K	N	Q	E	260
261	Q	W	Н	V		S	R	K	K	Q	K	I	I	K	M	L	L	I	V	<u>A</u>	280
281	L	L	F	V]	-	S	W	L	Р	L	W	т'	L	M	M	<u>L</u>	<u>s</u>	D	Y	A	300
301	D	L	S	Р	N	E	L	Q	I	I	N		Y	Ι	<u>Y</u>	Р	F	A	Н	W	320
321	<u>L</u>	Α	F	G	N	S	S	V	N	P	V.		Y	G	F	F	N_	E	N	F	340
341	R	R	G	F	Q	Ε	Α	F	Q	L	Q	L	С	Q	K	R	А	K	P	M	360
361	E	A	Y	A	L	K	А	K	s	Н	V	L	I	N	Т	S	N	Q	L	V	380
381	Q	E	S	Т	F	Q	N	P	Н	G	E	Т	L	L	Y	R	K	S	Α	E	400
401	K	P	0	0	E.	Τ.	V	М	E	E	Τ,	K	E	т	т	N	S	S	F.	T	420

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rNPFF1	MEAEPSQPPNGSWPLGQNGSDVETSMATSLTFSSYYQHSSPVAAMFIA	48
hNPFF2	MNEKWDTNSSENWHPIWNVNDTKHHLYSDINITYVNYYLHQPQVAAIFII	50
rNPFF1	AYVLIFLLCMVGNTLVCFIVLKNRHMRTVTNMFILNLAVSDLLVGIFCMP . . .	98
hNPFF2	SYFLIFFLCMMGNTVVCFIVMRNKHMHTVTNLFILNLAISDLLVGIFCMP	100
rNPFF1	TTLVDNLITGWPFDNATCKMSGLVQGMSVSASVFTLVAIAVERFRCIVHP	148
hNPFF2	TTLLDN11AGWPFGNTMCK1SGLVQG1SVAASVFTLVA1AVDRFQCVVYF	150
rNPFF1	FREKLTLRKALFTIAVIWALALLIMCPSAVTLTVTREEHH.FMLDARNRS : : : :	197
hNPFF2	FKPKLTIKTAFVIIMIIWVLAITIMSPSAVMLHVQEEKYYRVRLNSQNKT	200
rNPFF1	YPLYSCWEAWPEKGMRKVYTAVLFAHIYLVPLALIVVMYVRIARKLCQAP	247
hNPFF2	SPVYWCREDWPNQEMRKIYTTVLFANIYLAPLSLIVIMYGRIGISLFRAA	250
rNPFF1	GPARDTEEAVAEGGRTSRRRARVVHMLVMVALFFTLSWLPLWVLLLLIDY	297
hNPFF2	VPHTGRKNQ.EQWHVVSRKKQKIIKMLLIVALLFILSWLPLWTLMMLSDY	299
rNPFF1	GELSELQLHLLSVYAFPLAHWLAFFHSSANPIIYGYFNENFRRGFQAAFR	347
hNPFF2	: : :::: : . :	349
rNPFF1	AQLCWPPWAAHKQAYSERPNRLLRRRVVVDVQPSDSGLP.SESGPSSGVP	396
hNPFF2	. LQLCQKRAKPMEAYALKAKSHVLINTSNQLVQESTFQNPHGETLLYRKSA	399
rNPFF1	GPGRLPLRNGRVAHQDGPGEGPGCNHMPLTIPAWNI 432	
hNPFF2	EKPQQELVMEELKETTNSSEI	

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1	<u>ATG</u> GAGGGGAGCCCTCCCAGCCTCCCAACAGCAGTTGGCCCCTTAAGTCAGAATGGGACT	09
61	AACACTGAGGCCACCCCGGCTACAAACCTCACCTTCTCCTCCTACTATCAGCACACCTCC	120
121	CCTGTGGCGGCCATGTTCATTGTGGCCTATGCGCTCATCTTCCTGCTCTGCATGGTGGGC	180
181	AACACCCTGGTCTGTTTCATCGTGCTCAAGAACCGGCACATGCATAC'tGTCACCAACATG	240
241	TTCATCCTCAACCTGGCTGTCAGTGACCTGCTGGTGGGCATCTTCTGCATGCCCACCACC	300
301	CTTGTGGACAACCTCATCACTGGGTGGCCCTTCGACAATGCCACATGCAAGATGAGCGGC	360
361	TTGGTGCAGGGCATGTCTGTGTCGGCTTCCGTTTTCACACTGGTGGCCATTGCTGGAA	420
421	AGGTTCCGCTGCATCGTGCACCCTTTCCGCGAGAGCTGACCCTGCGGAAAGGCGCTCGTC	480
481	ACCATCGCCGTCATCTGGGCCCCTGGCGCTCATCATGTGTCCCTCGGCCGTCACGCTG	540
541	ACCGTCACCCGTGAGGAGCACCACTTCATGGTGGACGCCCGCAACCGCTCCTACCCTCTC	009
601	TACTCCTGCTGGGAGGCCTGGCCCGAGAAGGGCATGCGCCAGGGTCTACACCACTGTGCTC	099
661	TTCTCGCACATCTACCTGGCGCCGCTGGCGCTCATCGTGGTCATGTACGCCCGCATCGCG	720
721	CGCAAGCTCTGCCAGGCCCCGGGCCCCCGGGGGGGGGGAGGGCTGCGGACCCGCGA	780
781	GCATCGCGGCGCAGAGCGCGCGCGTGGTGCACATGCTGGTCATGGTGGCGCCTGTTCTTCACG	840
841	CTGTCCTGGCTGCCGCTCTGGGCGCTGCTGCTCGACTACGGGCCAGCTCAGCGCG	006
901	CCGCAGCTGCACCTGGTCACCGTCTACGCCTTCCCCTTCGCGCACTGGCTGG	096
961	AACAGCAGCGCCAACCCCATCATCTACGGCTACTTCAACGAGAACTTCCGCCGCGGGTTC	1020
1021	CAGGCCGCCTTCCGCCCCCCCCTCTGCCCGCGCCCCTCGGGGAGCCACAAGGAGGCCTAC	1080
1081	TCCGAGCGGCCCGGCGGCCTTCTGCACAGGCGGGTCTTCGTGGTGGTGCGGCCCCAGCGAC	1140
1141	TCCGGGCTGCCCTCTGAGTCGGGCCCTAGCAGTGGGGCCCCCCAGGCCCGGCCGCCTCCCG	1200
1201	CTGCGGAATGGGCGGGTGGCTCACCACGGCTTGCCCAGGGAAGGGCCTGGCTGCTCCCAC	1260
1261	CIGCCCCTCACCATTCCAGCCTGGGATATCTGA	1293

	1	M	E	G	E	Ρ	S	Q	P	Ρ	N	S	S	W	P	L	S	Q	N	G	T	20
	21	N	Т	Ε	A	Т	P	Α	T	N	L	Т	F	S	S	Y	Y	Q	Н	Т	S	40
	41	P	V	A	Α	M	F	I	V	A	Y	A	L	I	F	L	L	С	M	V	G	60
	61	N	Т	L	V	С	F	I	V	L	K	N	R	Н	Μ	Н	Т	V	Т	N	M	80
	81	F	I	L	N	L	Α	V	s	D	L	L	V	G	I	F	С	M	P	Т	T	100
	101	L	V	D	N	L	I	Т	G	W	P	F	D	N	Α	Т	С	K	M	S	G	120
	121	L	V	Q	G	M	S	V	S	Α	s	V	F	Т	L	V	A	I	A	V	E	140
	141	R	F	R	С	I	V	Н	P	F	R	E	K	L	Т	L	R	K	Α	L	V	160
	161	Т	I	A	V	I	W	Α	L	Α	L	L	I	M	С	P	s	A	V	Т	L	180
	181	Т	V	T	R	Ε	E	Н	Н	F	M	V	D	A	R	N	R	S	Y	Р	L	200
2	201	ň	S	С	W	E	A	W	Ρ	E	K	G	M	R	R	V	Y	Т	Т	V	L	220
:	221	F	S	Н	I	Y	L	A	P	L	A	L	I	V	v	M	Y	A	R	I	А	240
;	241	R	K	L	С	Q	Α	P	G	P	A	P	G	G	E	E	Α	Α	D	P	R	260
•	261	A	S	R	R	R	Α	R	V	V	Н	M	L	V	M	V	Α	L	F	F	T	280
2	281	L	S	W	L	P	L	W	A	L	L	L	L	I	D	Y	G	Q	L	S	Α	300
	301	P	Q	L	Н	L	V	Т	V	Y	A	F	P	F	A	Н	W	L	Α	F	F	320
	321	N	S	S	Α	N	P	I	I	Y	G	Y	F	N	E	N	F	R	R	G	F	340
	341	Q	A	Α	F	R	Α	R	L	С	P	R	P	s	G	S	Н	K	E	Α	Y	360
	361	S	Ε	R	P	G	G	L	L	Н	R	R	V	F	V	V	V	R	Р	s	D	380
	381	S	G	L	P	S	E	S	G	P	S	S	G	A	Р	R	P	G	R	L	Ρ	400
•	401	L	R	N	G	R	V	A	Н	Н	G	L	P	R	E	G	Р	G	С	S	Н	420
	421	L	Р	L	\mathbf{T}	I	Ρ	Α	W	D	I											430

1	141	Ŀ		Ľ	P	5	Q	Ρ	P	IN	5	5	W	Ρ	ىد	5	Q	IN		, T.	20
21	N	T	E	A	Т	Р	A	Т	N	L	T	F	S	S	Y	Y	Q	Н	T	S	40
41	P	<u>v</u>	A	<u> A</u>	М	F	I	V	A	<u>Y</u>	A	_L	I	F	L	L		М	[_V	<u> </u>	60
61	N	T	L	V	С	F	I	V			N	R	H	М	Н	Т	V	<u>T</u>	N	M	80
81	F	Ι	L	N	L	Α	V	S	I D	_	L	V	G	<u>I</u>	F	C	М	P	Т	T	100
101	Ŀ	<u>v</u>	D	N	L	I	Т	G	W		F	D	N	A	Т	С	K	М	S	G	1,20
121	Ŀ	V	0	G	М	S	V	S	I] A		V	F	Т	L	V	A	Ι	Α	V	E	140
141	R	F	R	·C	I	v	H	P		R V	E	K	L	T	L	R	K	A	L	<u>v</u>	160
161	T	I	Α	V	Ι	W	A	L	_	•	L	I	M	С	Р	S	Α	V	Т	L	180
181	T	V	Т	R	Ε	E	Н	Н	F	М	v	D	A	R	N	R	S	Y	P	L	200
201	Y	S	С	W	E	Α	W	P	E		G	М	R	R	V	Y	T	Т	V	L	220
221	F	S	Н	I	Y	L	Α	P	•		L	I	V	V	M	Y	A	R	I	<u>A</u>	240
241	R	K	L	Ċ	Q	Α	Р	G	P	A	P	G			E	Α	Α	D	Р	R	260
261	A	S	R	R	R	Α	R	<u>v</u>	V	Н	M	L	V:	_	V	Ą	<u>L</u>	F	F	T	280
281	L	S	W	L	Р	L	W	A	L	L	L	L	<u>I</u>	D	Y	G	Q	L	S	A	300
301	P	Q	L	Н	L	V	Т	V			F	Р	F	A	<u>H</u>	W	L	A	F	F	320
321	N	S	S	A	N	P	I	I	Y)		Y	F	N	E	N	<u>F</u>	R	R	G	F	340
341	Q	A	A	F	R	Α	R	L	С	P	R	Р	S	G	S	Н	K	E	A	Y	360
361	S	Ε	R	P	G	G	L	L	Н	R	R	V	F	V	V	V	R	P	S	D	380
381	s	G	L	P	s	E	S	G	P	s	S	G	A	Р	R	P	G	R	L	Р	400
401	L	R	N	G	R	V	A	Н	Н	G	L	P	R	E	G	P	G	С	s	Н	420
421	L	P	L	Т	I	P	Α	W	D	I											430

hNPFF2	1	MNEKWDTNSSENWHPIWNVNDTKHHLYSDINITYVNYYLHQPQVAAIFII .:. .	50
hNPFF1	1	MEGEPSQPPNSSWPLSQNGTNTEATPATNLTFSSYYQHTSPVAAMFIV	48
hNPFF2	51	SYFLIFFLCMMGNTVVCFIVMRNKHMHTVTNLFILNLAISDLLVGIFCMP	100
hNPFF1	49	AYALIFLLCMVGNTLVCFIVLKNRHMHTVTNMFILNLAVSDLLVGIFCMP	98
hNPFF2	101	ITLLDNIIAGWPFGNTMCKISGLVQGISVAASVFTLVAIAVDRFQCVVYP	150
hNPFF1	99	TTLVDNLITGWPFDNATCKMSGLVQGMSVSASVFTLVAIAVERFRCIVHP	148
hNPFF2	151	FKPKLTIKTAFVIIMIIWVLAITIMSPSAVMLHVQEEKYYRVRLNSQNKT	200
nNPFF1	149	FREKLTLRKALVTIAVIWALALLIMCPSAVTLTVTREEHH.FMVDARNRS	197
hNPFF2	201	SPVYWCREDWPNQEMRKIYTTVLFANIYLAPLSLIVIMYGRIGISLFRAA	250
hNPFF1	198	YPLYSCWEAWPEKGMRRVYTTVLFSHIYLAPLALIVVMYARIARKLCQAP	2.47
hNPFF2	251	<pre>VPHTGRKNQEQWHVVSRKKQKIIKMLLIVALLFILSWLPLWTLMMLSDYA ! .</pre>	300
hNPFF1	248	GPAPGGEEAADPR.ASRRRARVVHMLVMVALFFTLSWLPLWALLLLIDYG	296
hNPFF2	301	DLSPNELQIINIYIYPFAHWLAFGNSSVNPIIYGFFNENFRRGFQEAFQL	350
hNPFF1	297	QLSAPQLHLVTVYAFPFAHWLAFFNSSANPIIYGYFNENFRRGFQAAFRA	346
hNPFF2	351	QLCQKRAKPMEAYALKAKSHVLINTSNQLVQESTFQNPHGETLLYRKSAE	400
hNPFF1	347	RLC.PRPSGSHKEAYSERPGGLLHRRVFVVVRPSDSGLPSESGPSSGAPR	395
hNPFF2	401	KPQQELVMEELKETTNSSEI*	420
hNPFF1	396	PGRLPLRNGRVAHHGLPREGPGCSHLPLTIPAWDI*	431

Figure 15A

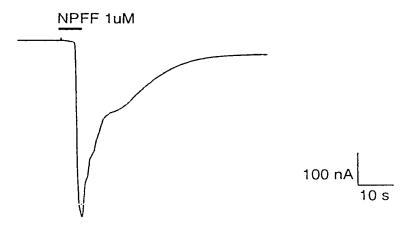


Figure 15B

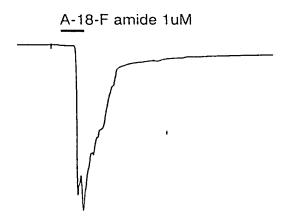
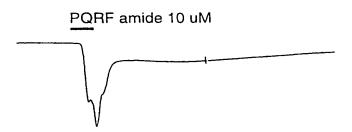
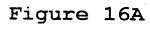


Figure 15C





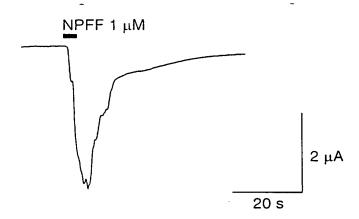


Figure 16B

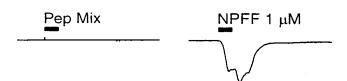


Figure 16C

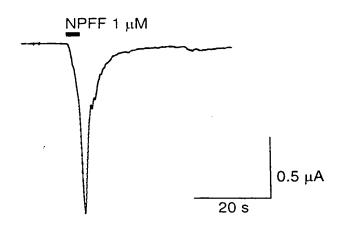
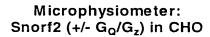


Figure 17A



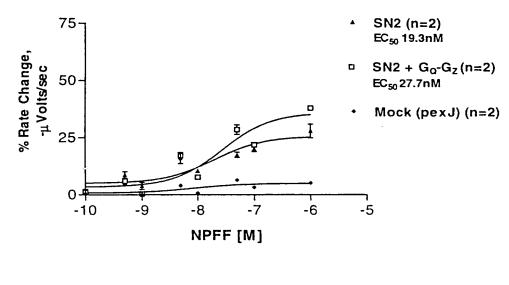


Figure 17B

la dia

Microphysiometer: Snorf2 in CHO

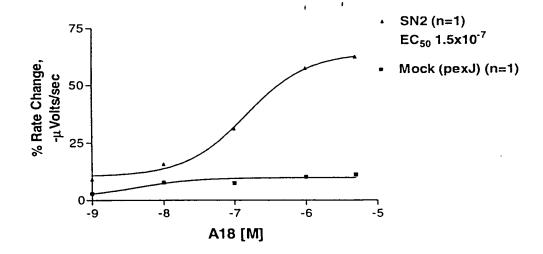
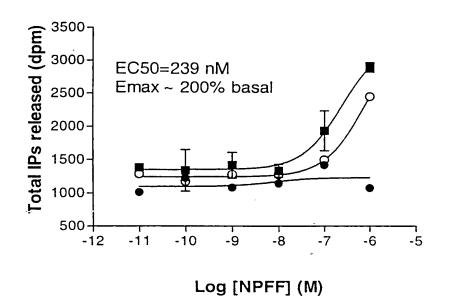
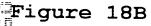
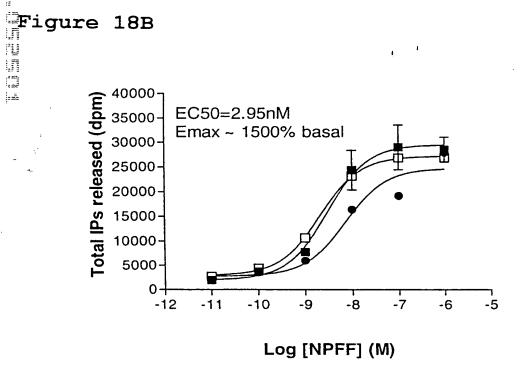


Figure 18A



- CONTROL
- PTX(100ng/ml)
- CTX(1ug/ml)





- CONTROL
- PTX(100ng/ml)
- CTX(1ug/ml)

Figure 19

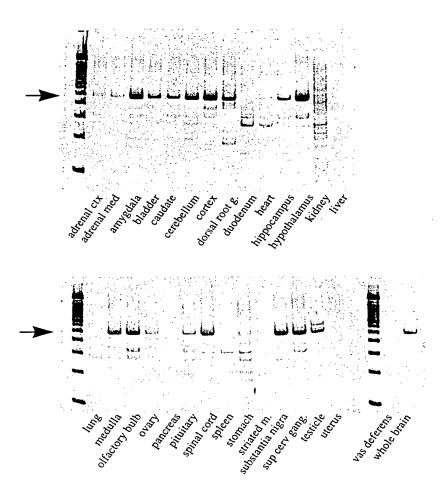


Figure 20

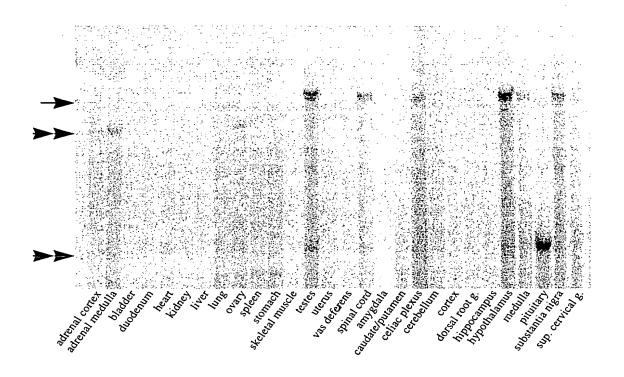
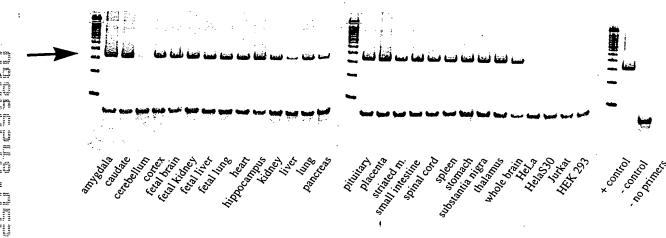


Figure 21



nome when all ment